

MODULAR SPACE DESIGN MULTIFUNCTIONAL

SOLUTIONS

- FOLDAWAY BEDS
- SOFA BEDS
- BED FRAMES



R
Richelieu

FOLDAWAY BEDS

Richelieu offers a wide selection of hardware for creating safe, comfortable modular furniture designed to optimize space or transform the functionality of a room, for the day or night.

The most popular lift-bed system "kangaroo" type with a diagonal opening for easy access to the storage area under the mattress.

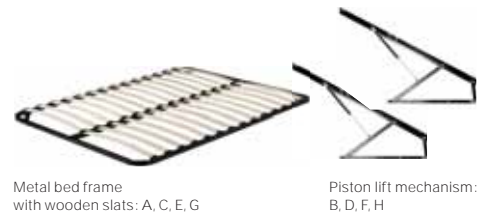


Lift mechanism and metal bed frame with wooden slats

+ ADVANTAGES

- + Diagonal opening
- + Easy to install
- + Simple to open and close
- + Increased mattress lifespan
- + Additional storage space

Webkit No.	Description	Included	Complementary Products
WEBKIT011431	Single bed set	A-B	I
WEBKIT011432	Double bed set	C-D	I
WEBKIT011433	Queen bed set	E-F	I
WEBKIT011434	King bed set	G-H	I and J



	Code	Description	Frame Dimensions: Width x Length Maximum Dynamic Load Capacity
A	XULT39	Metal single bed frame with wooden slats	38 1/2" (978 mm) x 74 1/2" (1892 mm)
B	XKANG39	Piston lift mechanism	88 lb (40 kg)
C	XULT54	Metal double bed frame with wooden slats	53 1/2" (1359 mm) x 74 1/2" (1892 mm)
D	XKANG54S	Piston lift mechanism	110 lb (50 kg)
E	XULT60	Metal queen bed frame with wooden slats	59 1/2" (1511 mm) x 79 1/4" (2013 mm)
F	XKANG60S	Piston lift mechanism	198 lb (90 kg)
G	XULT80	Metal king bed frame with wooden slats	2 x 38 1/2" (978 mm) x 79 1/2" (2019 mm)
H	XKANG80S	Piston lift mechanism	242 lb (110 kg)

It is possible to use a superior piston lift mechanism if your mattress is very heavy.

Complementary Products

	Code	Description	Dimensions: Width x Length
I	481754130	Corner support	7 1/16" (180 mm) x 9 1/16" (230 mm)
J	48102590	U-shaped bed frame support for king bed	2 1/2" (65 mm) x 1 1/4" (32 mm)



I: Corner support J: Bed frame support

These measurements are for general information purposes only. Please visit our website for full installation dimensions.



Designer: Gianfranco Pessotto

Innovative system equipped with a unique double hydraulic piston system.



1-2: The moveable handle allows for effortless movement.
3: The opening provides easy access to storage area.
4: The horizontal position enables quick bed making.

Lift mechanism and bed frame with storage area

+ ADVANTAGES

- + Minimal lifting effort required due to moveable handle
- + Diagonal opening
- + Unique horizontal opening position
- + Double gas pistons for added strength and stability
- + Hardware included
- + Automatic locking system
- + Mattress fasteners to prevent sliding
- + Transversal strengthening and stabilizing bar

Webkit No.	Description	Included	Complementary Products
WEBKIT1010761	Single bed set	A-B	I or J, K
WEBKIT1010762	Double bed set	C-D	I or J, L
WEBKIT1010763	Queen bed set	E-F	I or J, M
WEBKIT1010764	King bed set	G-H	I or J, N



Metal bed frame with wood slats:
A, C, E, G



Lift mechanism:
B, D, F, H

Min. Interior Height Required: 10 1/4" (260mm)

	Code	Description	Frame Dimensions: Width x Length Maximum Dynamic Load Capacity
A	XULT39BMU	Metal single bed frame with wooden slats	40 3/16" (1020 mm) x 76" (1930 mm)
B	XULT39LM	Double lift mechanism	88 lb (40 kg)
C	XULT54BMU	Metal double bed frame with wooden slats	55 1/8" (1400 mm) x 76" (1930 mm)
D	XULT54LM	Double lift mechanism	110 lb (50 kg)
E	XULT60BMU	Metal queen bed frame with wooden slats	61" (1550 mm) x 81 1/8" (2060 mm)
F	XULT60LM	Double lift mechanism	143 lb (65 kg)
G	XULT80BMU	Metal king bed frame with wooden slats	77 3/16" (1960 mm) x 81 1/8" (2060 mm)
H	XULT80LM	Double lift mechanism	165 lb (75 kg)

Complementary Products

	Code	Description	Dimensions: Width x Length
I	C21BMU	Set of four corner supports	8 1/4" (210 mm) x 4" (100 mm)
J	C240BMU	Set of four corner supports	9 7/16" (240 mm) x 4" (100 mm)
K	SB39BMU	Stabilizing bar for WEBKIT1010761	Length: 41 1/8" (1045 mm)
L	SB54BMU	Stabilizing bar for WEBKIT1010762	Length: 56 1/8" (1425 mm)
M	SB60BMU	Stabilizing bar for WEBKIT1010763	Length: 62" (1575 mm)
N	SB80BMU	Stabilizing bar for WEBKIT1010764	Length: 78" (1981 mm)



I, J



K, L, M, N

These measurements are for general information purposes only. Please visit our website for full installation dimensions.

Optimize the space in your children's bedroom with two innovative, comfortable solutions and exceptional security.



Designer: Giulio Manzoni



Locking mechanism in open position

Foldaway bed system with locking mechanism

+ ADVANTAGES

- + System for single or stacked bed
- + Automatically unfolding legs
- + Mattress fasteners to prevent sliding
- + Upper protective bar
- + Manual folding ladder
- + Cabinet mounting plate
- + Bed frame with curved wooden slats
- + Hardware included

Code	Maximum Dynamic Load Capacity	BED FRAME DIMENSIONS		INTERIOR DIMENSIONS REQUIRED		
		Width	Length	Length	Height	Minimum Depth
XULT36WBHZ	155 lb (70 kg)	37" (940mm)	76" (1930mm)	78 1/2" (1996 mm)	40 1/8" (1018 mm)	15 3/4" (400 mm)
XULT36WBHX	155 lb (70 kg)	37" (940mm)	76" (1930mm)	78 1/2" (1996 mm)	40 1/8" (1018 mm)	15 3/4" (400 mm)

*Mattress not included.

Horizontal foldaway bed (lower section)

XULT36WBHZ



Horizontal foldaway bed (upper section)

XULT36WBHX



Minimum Interior Height Required 85 7/8" (2180mm)

For furniture assembly, use 3/4" (19mm) front panels and 1" (25mm) lateral panels. These measurements are for general information purposes only. Please visit our website for full installation dimensions.



A multifunctional solution that works for everyone, this system transforms a workspace with a storage area into a comfortable bed.

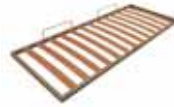
Designer: Giulio Manzoni

Foldaway bed system with moveable table

+ ADVANTAGES

- + Minimal lifting effort required due to moveable handle
- + Diagonal opening
- + High capacity gas piston
- + Automatic locking system when transversal bar is horizontal
- + Mattress fasteners to prevent sliding
- + Transversal strengthening and stabilizing
- + Unique, large, horizontal opening
- + Hardware included

Webkit No.	Description	Included
WEBKIT1010823	Horizontal single bed set	A-B
WEBKIT1010829	Horizontal single bed set with moveable table	A-B-C



Metal bed frame: A



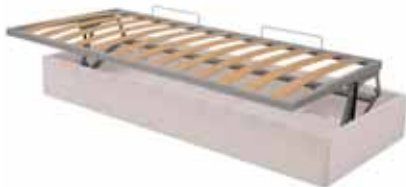
Lift mechanism: B



Moveable table mechanism: C

	Code	Description	Frame Dimensions: Width x Length Load Capacity	Interior Dimensions Required
A	XULT36T	Bed frame	37" (940 mm) x 76" (1930 mm)	Width: 38 9/16" (980 mm) Length: 77 3/16" (1960 mm) Height: 10 5/8" (270 mm)
B	XULT36TLM	Lift mechanism	110 lb (50 kg)	
C	XULT36TLMD	Moveable table mechanism	22 lb (10 kg) Maximum Dynamic Load 44 lb (20 kg) Maximum table weight in working position	Width: 82 11/16" (2100 mm) Minimum Depth: 23 5/8" (600 mm)

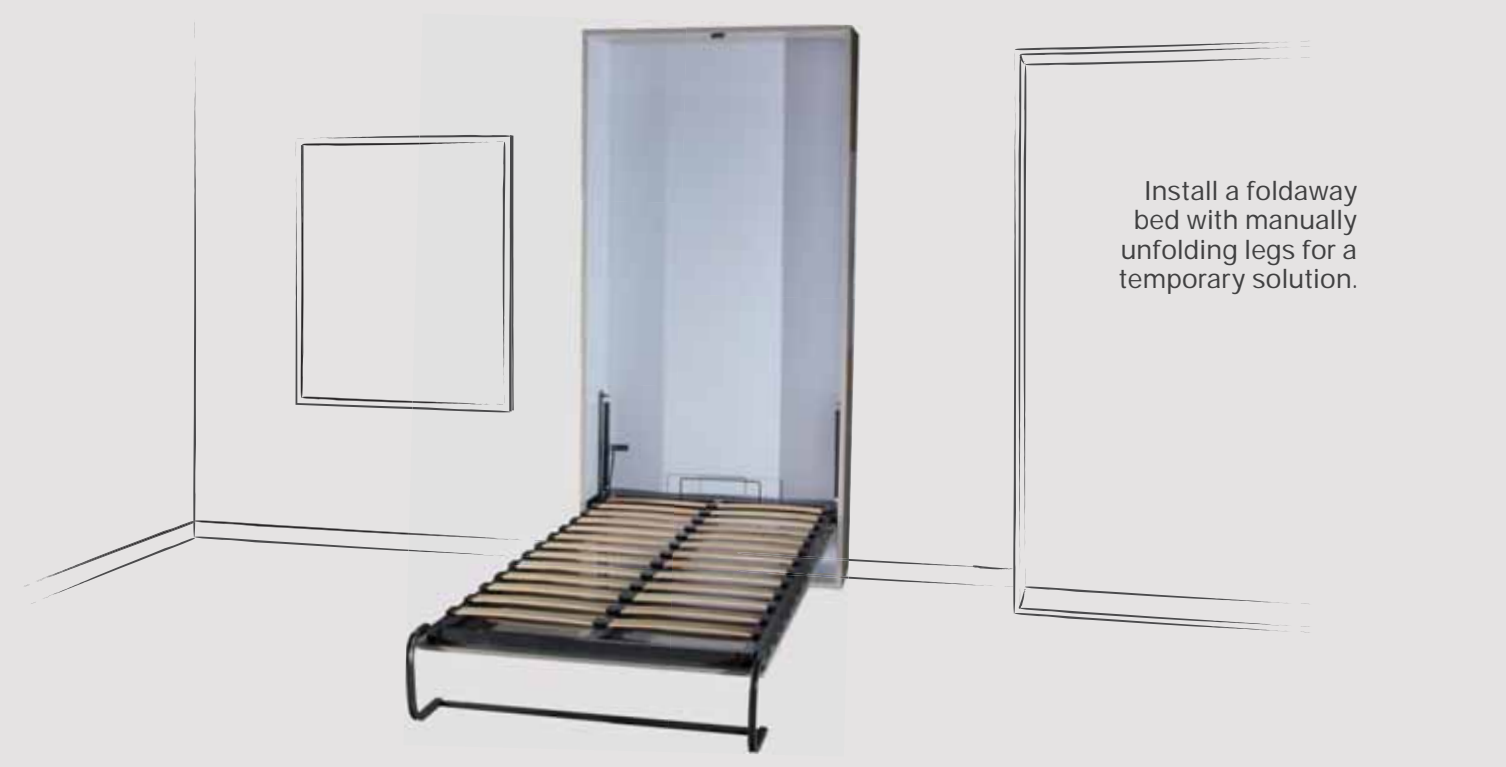
Lift mechanism
+ Bed frame with storage space
WEBKIT1010823



Lift mechanism + Bed frame with storage space
+ Moveable Table (3-in-1)
WEBKIT1010829



For furniture assembly, use 3/4" (19 mm) panels.
These measurements are for general information purposes only. Please visit our website for full installation dimensions.



Install a foldaway bed with manually unfolding legs for a temporary solution.

Vertical foldaway bed system

+ ADVANTAGES

- + Piston lift mechanism
- + Manually unfolding legs with stabilizing bar
- + Mattress fasteners to prevent sliding
- + Bed frame with wooden slats
- + Hardware included

Code	Description	Max. Dynamic Load Capacity	BED FRAME DIMENSIONS		INTERIOR DIMENSIONS REQUIRED		
			Width	Length	Width	Height	Minimum Depth
XULT39ECVT	Single bed	132lb (60kg)	39 1/2" (978mm)	74 1/2" (1892mm)	41 3/4" (1060mm)	76 5/8" (1946mm)	15 3/4" (400mm)
XULT54ECVT	Double bed	198lb (90kg)	53 1/2" (1359mm)	74 1/2" (1892mm)	56 3/4" (1441mm)	76 5/8" (1946mm)	15 3/4" (400mm)
XULT60ECVT	Queen bed	198lb (90kg)	59 1/2" (1511mm)	79 1/2" (2019mm)	62 3/4" (1593mm)	81 5/8" (2073mm)	15 3/4" (400mm)



For furniture assembly, use 3/4" (19mm) front panels and 1" (25mm) lateral panels. These measurements are for general information purposes only. Please visit our website for full installation dimensions.



Effortlessly use this foldaway bed everyday with its tried and tested folding mechanism and automatically unfolding legs.

Designer: Giulio Manzoni

Vertical foldaway bed system

+ ADVANTAGES

- + System locks when open
- + Tension adjuster
- + Automatically unfolding legs
- + Mattress fasteners and straps to prevent sliding
- + High load capacity
- + Bed frame with mounting plate for cabinet door
- + Hardware included

Code	Description	Max. Dynamic Load Capacity	BED FRAME DIMENSIONS		INTERIOR DIMENSIONS REQUIRED		
			Width	Length	Width	Height	Minimum Depth
XULT39WBVT	Single bed	155lb (70kg)	40 3/16" (1020mm)	76" (1930mm)	42 3/4" (1086mm)	82 1/8" (2085mm)	16 1/8" (410mm)
XULT54WBVT	Double bed	309lb (140kg)	55 1/8" (1400mm)	76" (1930mm)	57 3/4" (1466mm)	82 1/8" (2085mm)	16 1/8" (410mm)
XULT60WBVT	Queen bed	309lb (140kg)	61" (1550mm)	81" (2060mm)	63 5/8" (1616mm)	87 3/16" (2215mm)	16 1/8" (410mm)

Horizontal single, double and queen sized beds available on special order.



System locks when open



Automatically unfolding legs

For furniture assembly, use 3/4" (19mm) front panels and 1" (25mm) lateral panels. These measurements are for general information purposes only. Please visit our website for full installation dimensions.



Designer: Giulio Manzoni



Optimize interior space with this modular system: a comfortable sofa transforms into a cozy bed.



Vertical foldaway bed and sofa system

Foldaway bed + AVANTAGES

- + Automatically unfolding legs
- + Cutting-edge piston technology for smooth and secure unfolding motion
- + Mattress fasteners and straps to prevent sliding
- + Bed frame with mounting plate for cabinet door
- + Hardware included

Foldaway sofa + AVANTAGES

- + High load capacity
- + Smooth mechanism movement



Complete vertical foldaway bed system: A, B

Webkit No.	Description	Included
WEBKIT1010862	Double vertical bed + Foldaway sofa	A-C
WEBKIT1010863	Queen vertical bed + Foldaway sofa	B-D

A and B can be sold separately.

Foldaway bed system	Code	Max. Dynamic Load Capacity	BED FRAME DIMENSIONS		INTERIOR DIMENSIONS REQUIRED		
			Width	Length	Width	Height	Minimum Depth
A - Double Bed	XULT54SOFA	309lb (140kg)	55 1/8" (1400mm)	76" (1930mm)	57 3/4" (1466mm)	80 1/8" (2035mm)	11" (280mm)
B - Queen Bed	XULT60SOFA	309lb (140kg)	61" (1550mm)	81 1/8" (2060mm)	63 5/8" (1616mm)	85 1/4" (2165mm)	11" (280mm)

Foldaway sofa system	Code	Max. Dynamic Load Capacity	SOFA FRAME DIMENSIONS	
			Width	Length
C	XULT54SOFAM	309lb (140kg)	31" (790mm)	58 1/8" (1476mm)
D	XULT60SOFAM	309lb (140kg)	31" (790mm)	64" (1626mm)



Complete foldaway sofa system: C, D

For furniture assembly, use 3/4" (19mm) front panels and 1" (25mm) lateral panels. These measurements are for general information purposes only. Please visit our website for full installation dimensions.

Unique and elegant, this sofa bed system transforms into two beds thanks to its revolutionary, internationally patented mechanism.



Stacked single sofa bed

+ ADVANTAGES

- + Security bar
- + Integrated folding ladder
- + High load capacity
- + Upper protective bar
- + Smooth unfolding aluminum mechanism
- + 120mm mattress included

Code	Description	Frame Dimensions: Width x Length Maximum Dynamic Load Capacity
48750106	Metal bed frame with wooden slats	40 3/8" (1020 mm) x 76" (1930 mm) 88 lb (40 kg)



Sofa bed with water-resistant foam mattress

+ ADVANTAGES

- + 60mm mattress with a 30kg/m³ density
- + Steel tubular structure
- + Tri-fold mechanism



Slatted frame: A



Canvas frame: B



Seat height: 14 5/8" (370 mm)

	Code	Description	Frame Dimensions: Width x Length	Mattress Dimensions
A	COSMO80	Slatted frame + Mattress	36 1/4" (920mm) x 74" (1880mm)	28 3/4" (730mm) x 72" (1830mm)
	COSMO140	Slatted frame + Mattress	59 7/8" (1520mm) x 74" (1880mm)	52 3/8" (1330mm) x 72" (1830mm)
	COSMO150	Slatted frame + Mattress	63 3/4" (1620mm) x 74" (1880mm)	56 1/4" (1430mm) x 72" (1830mm)
B	COSMO160	Canvas frame + Mattress	67 3/4" (1720mm) x 74" (1880mm)	60 1/4" (1530mm) x 72" (1830mm)

Practical and comfortable with two bed frame choices

These measurements are for general information purposes only. Please visit our website for full installation dimensions.

Our hardware allows you to create your own custom-designed foldaway bed system while providing unparalleled security with its integrated lock.



Foldaway bed mechanisms with anti-tilt lock

+ ADVANTAGES

- + Integrated safety lock mechanism
- + Latch automatically engages when bed is extended
- + Hardware included
- + Spring tension adjustment
- + Very long mechanism lifespan (20 000 cycles)



Horizontal bed mechanism with lock : A
Vertical bed mechanism with lock : B

	Code	Description	Finish	Maximum Static Load Capacity	Maximum Dynamic Load Capacity
A	209530	Mechanism for horizontal single bed	White	418 lb (190 kg)	155 lb (70 kg)
B	108530 108590	Mechanism for vertical single bed	White Black	374 lb (170 kg)	155 lb (70 kg)
	108630 108690	Mechanism for vertical double bed	White Black	661 lb (300 kg)	220 lb (100 kg)
	108730 108790	Mechanism for vertical queen bed	White Black	661 lb (300 kg)	309 lb (140 kg)

Manual Legs for Bed with Anti-Tilt Lock (A and B)

Fig.	Code	Finish / Material	Width x Height
1	40890	Chrome Leg / Metal	$1\frac{3}{16}$ " x 8" (20 x 203 mm)
	41090	Black Plate / Metal	$1\frac{3}{16}$ " x 10" (20 x 254 mm)
2	4082G	Chrome Leg / Metal	$1\frac{3}{16}$ " x 8" (20 x 203 mm)
	4002G	White Plate / Metal	$1\frac{3}{16}$ " x 10" (20 x 254 mm)

Complementary Products

Code	Description
10810812	Reinforced plate for 16 mm (5/8") side panel



For furniture assembly, use $\frac{3}{4}$ " (19 mm) front panels and 1" (25 mm) lateral panels.
These measurements are for general information purposes only. Please visit our website for full installation dimensions.

Custom-design the bed of your dreams with our selection of base and frame choices.



Silver finish bed frame with Italian slats: A*
Designer: Gianfranco Pessotto

Metal bed frames with wooden slatted bases

+ ADVANTAGES

- + A - Designed in Europe, this sturdy base is fitted with ergonomic, high-quality slats that offer unparalleled comfort and durability.
- + B - Coated metal base with curved poplar plywood slats.
- + C - With a similar design to B, this folding base offers access to under-bed storage area.



Black finish bed frame with standard slats: B** Folding black finish bed frame with standard slats: C**

* Frame Dimensions: 1 1/4" (30mm) x 1 1/2" (40mm) / Wooden Slat Dimensions: 2 3/8" (70mm) x 3/8" (10mm)
** Frame Dimensions: 1 1/4" (30mm) x 1 1/4" (30mm) / Wooden Slat Dimensions: 2" (50mm) x 3/8" (10mm)

	Code	Bed Size	Dimensions	Number of Slats*
A	XULT39BMU	Single bed	40 3/8" (1020mm) x 76" (1930mm)	1 x 13 = 13 slats
	XULT54BMU	Double bed	55 1/8" (1400mm) x 76" (1930mm)	2 x 13 = 26 slats
	XULT60BMU	Queen bed	61" (1550mm) x 81" (2060mm)	2 x 14 = 28 slats
	XULT80BMU	King bed	77 3/8" (1960mm) x 81" (2060mm)	2 x 14 = 28 slats
B	XULT39	Single bed	38 1/2" (978mm) x 74 1/2" (1892mm)	1 x 18 = 18 slats
	XULT54	Double bed	53 1/2" (1359mm) x 74 1/2" (1892mm)	2 x 18 = 36 slats
	XULT60	Queen bed	59 1/2" (1511mm) x 79 1/2" (2019mm)	2 x 20 = 40 slats
	XULT6075	Queen bed	60 3/4" (1543mm) x 79 1/2" (2019mm)	2 x 20 = 40 slats
	XULT80	King bed	77" (1956mm) x 79 1/2" (2019mm)	2 x 20 = 40 slats
C	XULT60F	Queen bed	59 1/2" (1511mm) x 79 1/2" (2019mm)	2 x 20 = 40 slats
	XULT80FOLD	King bed	78" (1980mm) x 79 1/2" (2019mm)	3 x 20 = 60 slats
	XULT81FOLD	King bed	76" (1930mm) x 79 1/2" (2019mm)	2 x 20 = 40 slats

Fixed Legs

	Code	Finish / Materials	Width x Height
1	4810631140 (right)	Chrome / Metal	13/16" x 10" (20 x 254mm)
	4810632140 (left)		

Assembly Hardware

	Code	Description	Dimensions
3	22332G	Corner support for quick assembly	1 1/8" (18mm) x 5 1/8" (130mm)
4	37600032G	Robust male/female connector	1 1/8" (18mm) x 2 1/8" (52mm)
5	22342G	Bed hinge	1 1/2" (38mm) x 3 1/2" (89mm)

Height Adjustable Ratchet Fitting

	Code	Description	Maximum Height	Maximum Static Load Capacity
2	574302G	For tilting bed mechanism	1 1/4" (285mm)	220lb (100kg)

Middle Support with Adjustable Height for Slatted Base Bed Frames

	Code	Finish / Materials	Width base x Height	Thread
6	481020090	Black / Metal	1 1/2" x 6" to 9" (38 x 152 to 229mm)	3/8 x 16

*Number of sections per bed frame x Number of slats per section = Total quantity of slats
These measurements are for general information purposes only. Please visit our website for full installation dimensions.



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